# **CDQ**<sup>®</sup> CB (5.5V) Series



#### www.cda-cap.com

## **FEATURES**

- $\bullet$  Able to be used at wide temperature from -25  $^\circ\!\mathrm{C}$   $\,$  to 70  $^\circ\!\mathrm{C}$
- Long life Endurance : 1,000 hours at +70 °C
- RoHS directive compliant / No Explosion Safety

### **APPLICATIONS**

• Memory back-up for Video, Audio, Cameras, CCTV, Printer, Camcorder, Telephones, Car stereo, E-meter, Toy, Computer, Notebook PC, Rice cooker, Home network etc.



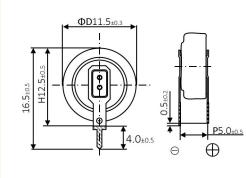
#### PART NUMBER SYSTEM

<u>CB</u>	<u>5R5</u>	<b>22</b> 3	H	<u>F</u>	*
Series	Rated Voltage	Capacitance	Туре	RoHS	Special Code

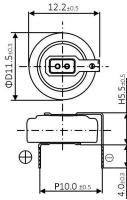
# **GENERAL SPECIFICATIONS / DIMENSIONS**

Item	Performance								
Operating temperature	-25°C to +70°C								
Capacitance range	0.022F to 0.47F								
Capacitance tolerance	- 20% to + 80% (at 25℃)								
Rated voltage	5.5 VDC								
	Nominal capacitance (F)	0.022	0.047	0.1	0.22	0.33	0.47		
Nominal capacitance & Resistance	Nominal resistance (Ω)	75	75	75	75	50	50		
Temperature characteristics	Capacitance change: Within ±30% of initial measured value at +25°C Internal resistance: Within ±500% of initial measured value at +25°C								
Endurance	After 1000 hours:								
(At rated voltage & max. operating	Capacitance change: ±30% of initial rated value								
temp)	Internal resistance: Within 4 times of initial specified value								
Shelf life	After 2 years at 25°C without load, the capacitor shall meet the specified endurance limits.								

#### **Terminal V type**

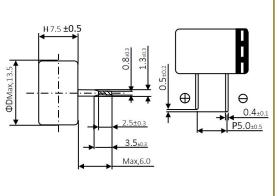


## Terminal H type





Unit: mm



	Working	Rated			V type(mm)		H type(mm)			C type(mm)		
Part Number	Voltage Cap. (V DC) (F)		resistance (Ω) at 1 kHz	ΦD	н	Р	ΦD	н	Р	ΦD	Н	Р
CB 5R5 223 ( )	5.5	0.022	≤75	11.5	12.5	5.0	11.5	5.5	10.0	13.5	7.5	5.0
CB 5R5 473 ( )	5.5	0.047	≤75	11.5	12.5	5.0	11.5	5.5	10.0	13.5	7.5	5.0
CB 5R5 104 ( )	5.5	0.10	≤75	11.5	12.5	5.0	11.5	5.5	10.0	13.5	7.5	5.0
CB 5R5 224 ( )	5.5	0.22	≤75	11.5	12.5	5.0	11.5	5.5	10.0	13.5	7.5	5.0
CB 5R5 334 ( )	5.5	0.33	≤50	11.5	12.5	5.0	11.5	5.5	10.0	13.5	7.5	5.0
CB 5R5 474 ( )	5.5	0.47	≤50	11.5	12.5	5.0	11.5	5.5	10.0	13.5	7.5	5.0

No. 4, Jifeng Road, Wufeng District, Taichung City, Taiwan. TEL:+86-852-51245795 www.cda-cap.com E-MAIL: zfw@cda-cap.tw Specifications are subject to change without notice.Should a safety or technical concern arise regarding the product, please be sure to contact our sales offices or agents immediately.